



PAT McCrory
Governor

NICHOLAS J. TENNYSON
Secretary

November 9, 2016

ADDENDUM # 1

To: Plan Holders

A handwritten signature in blue ink, appearing to be 'wa' with a small 'DS' above it, enclosed in a blue rectangular box.

From: Wanda H. Austin, P.E.
Division 14 Contract Officer

RE: **Previously pulled proposal, now re-letting, includes revisions to following: letting date, availability date, completion date, pay items, special provisions, and plans.**

Contract ID: DN00535
County: Henderson, Polk, and Transylvania
Letting Date: December 13, 2016

The above contract has experienced the following revisions:

1. **Cover page**, revise the **DATE AND TIME OF BID OPENING**: to read **December 13, 2016 AT 2:00 PM**
2. **Page G-1, Remove the last paragraph**, but retain the wording **BONDS ARE NOT REQUIRED**.
3. **Page G-4, INSTRUCTIONS TO BIDDERS, Item # 10**: revise date to read **December 13, 2016**
4. **Page G-4, INSTRUCTIONS TO BIDDERS, Item # 11**: revise date to read **December 13, 2016**
5. **Page G-6**, revise the **date of availability** to read: **January 9, 2017**
6. **Page G-6**, revise the **date of completion** to read: **May 31, 2017**
7. **Page G-25**, insert the following project special provision:



DETECTABLE WARNINGS TO RETROFIT EXISTING CURB RAMPS:

(10-21-03) (Rev. 8-16-11)

848

SP8 R125

Description

Construct detectable warnings consisting of raised truncated domes to retrofit existing curb ramps in accordance with the plan details, Section 848 of the *2012 Standard Specifications*, the requirements of the *28 CFR Part 36 ADA Standards for Accessible Design* and these provisions.

Materials

Detectable warning for retrofitting existing curb ramps shall consist of raised truncated domes. The description, size and spacing shall conform to Section 848 of the *2012 Standard Specifications*.

Use material for detectable warning systems as shown herein. Material and coating specifications must be stated in the Manufacturers Type 3 Certification and all Detectable Warning systems must be on the NCDOT Approved Products List.

Install detectable warnings created from one of the following materials: precast concrete blocks or bricks, clay paving brick, gray or ductile iron castings, mild steel, stainless steel, and engineered plastics, rubber or composite tile. Only one material type for detectable warning will be permitted per project, unless otherwise approved by the Engineer.

- (A) Detectable Warnings shall consist of a base with integrated raised truncated domes, and when constructed of precast concrete they shall conform to the material requirements of Article 848-2 of the *2012 Standard Specifications*.
- (B) Detectable Warnings shall consist of a base with integrated raised truncated domes, and may be comprised of other materials including, but not limited to, clay paving brick, gray iron or ductile iron castings, mild steel, stainless steel, and engineered plastics, rubber or composite tile, which are applied directly to the curb ramps by incorporating into or attaching to the existing ramp floor. The material shall have an integral color throughout the thickness of the material. The detectable warning shall include fasteners, anchors, or adhesives for attachment in the existing ramp and shall be furnished as a system from the manufacturer.



Prior to installation, the Contractor shall submit to the Engineer assembling instructions from the manufacturer for each type of system used in accordance with Article 105-2 of the *2012 Standard Specifications*. The system shall be furnished as a kit containing all consumable materials and consumable tools, required for the application. They shall be capable of being affixed to or anchored in the concrete curb ramp, including green concrete (concrete that has set but not appreciably hardened). The system shall be solvent free and contain no volatile organic compounds (VOC). The static coefficient of friction shall be 0.8 or greater when measured on top of the truncated domes and when measured between the domes in accordance with ASTM C1028 (dry and wet). The system shall be resistant to deterioration due to exposure to sunlight, water, salt or adverse weather conditions and impervious to degradation by motor fuels, lubricants and antifreeze.

- (C) When steel or gray iron or ductile iron casting products are provided, only products that meet the requirements of Subarticle 106-1(B) of the *2012 Standard Specifications* may be used. Submit to the Engineer a Type 6 Certification, catalog cuts and installation procedures at least 30 days prior to installation for all.

Construction Methods

- (A) Prior to placing detectable warnings in existing concrete curb ramps, saw cut to the full depth of the concrete, for other material remove as necessary, and adjust the existing subgrade to the proper grade and in accordance with Article 848-3 of the *2012 Standard Specifications*.
- (B) Install all detectable warning to retrofit existing curb ramps in accordance with the manufacturer's recommendations.

Measurement and Payment

Retrofit Existing Curb Ramps with detectable warnings constructed of any type material will be paid as the actual number of retrofitted curb ramps, completed and accepted. Such price and payment will be full compensation for excavating and backfilling; sawing, repairing and replacing portions of the existing curb ramp within the pay limits for retrofit shown on the detail; pavement repairs; furnishing and placing detectable warnings, construction joints and removing and disposing of portions of the existing curb ramp when required and for all materials, labor, equipment, tools and incidentals necessary to complete the work.



Payment will be made under:

Pay Item	Pay Unit
Retrofit Existing Curb Ramp	Each

8. **Page G-39**, insert the following project special provision:

HINGED METAL BOLLARDS:

SPI

Furnish and install hinged metal bollards in accordance with the detail in the plans, at locations shown in the plans and as directed by the Engineer.

Provide bollards of a material type to prohibit entry of unauthorized vehicles.

Install bollards plum and true to line in Class "B" concrete footing conforming with all applicable portions of Sections 825 and 1000 of the *Standard Specifications*.

Hinged Metal Bollards will be measured and paid as the actual number installed and accepted. Such payment will be full compensation for all materials, labor, and equipment necessary to complete the work.

Payment will be made under:

Pay Item	Pay Unit
Hinged Metal Bollards	Each

9. **Page T-1**, replace the existing **ITEMIZED PROPOSAL FOR CONTRACT NO. DN00535** with the revised page T-1 (see attached).
10. All plans, posted during the previous advertising, are to be replaced with those that are posted during this advertisement.

Please access ebs addenda files on Bid Express®.

Please insert this letter into the addendum section of the proposal and sign the verification. Thank you for your attention to this matter.



County : Polk, Transylvania, Henderson

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM MOBILIZATION	10	EA	
0002	2605000000-N	848	CONCRETE CURB RAMP	19	EA	
0003	4600000000-N	SP	GENERIC TRAFFIC CONTROL ITEM TEMPORARY TRAFFIC CONTROL	10	EA	
0004	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM (REMOVE, REPLACE, AND RELOCATE BOLLOARD)	3	EA	
0005	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	84	LF	
0006	4855000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (6")	68	LF	
0007	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	118	LF	
0008	4710000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	168	LF	
0009	4870000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (24")	99	LF	
1453/Nov09/Q579.0/D31024830000/E9						
Total Amount Of Bid For Entire Project :						